

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification at page 4, lines 25 through 27:

$\sigma \frac{2}{K}$ is the variance ~~is~~in thermal conductivity $(W / m ^\circ C)^2$

ρ is the correlation decay parameter m^{-1} (or $1/\rho$ is the correlation length scale)

z_1 and z_2 are the depths (m).